

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Dinesh C. VERMA

Serial No: 09/932,735

Filed: August 17, 2001

For: USER INFORMATION COORDINATION ACROSS
MULTIPLE DOMAINS

Examiner: AILES, Benjamin

Art Unit: 2142

**RESPONSE TO NOTIFICATION OF NON-COMPLIANT
APPEAL BRIEF DATED MARCH 5, 2008**

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Non-Compliant Appeal Brief mailed March 5, 2008, enclosed is a replacement Appealed Claims Appendix for the Appeal Brief filed January 29, 2008.

No fee is believed due with this Response, however, should such a fee be required please charge Deposit Account 50-0510. Should any extensions of time be required, please consider this a petition thereof and charge Deposit Account 50-0510 the required fee.

Respectfully submitted,

Dated: March 17, 2008

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Claims Appendix

Claim 1. (original) A method comprising:

employing a first web server in a first DNS domain, and a second web server in a second DNS domain, wherein the first web server uses a first user tracking mechanism to collect client information and stores the client information as a client record in a database;

the first web server directing a client to access a resource at the second Web-Server;

said resource encapsulating information about a location of the client record in the database;

the second web server decapsulating the location and retrieving the client record from the database; and

the second web server using the client record in conjunction with a second user tracking mechanism.

Claim 2. (original) A method as recited in 1, wherein the first and the second user tracking mechanisms use cookies for storing the user client information.

Claim 3. (original) A method as recited in 1, wherein the first web server authenticates the client, and the client record includes user authentication data enabling the second web server to use a common sign-on with the sign-on of the first web server.

Claim 4. (original) A method as recited in 1, wherein the first web server stores within the client record at least one parameter which determines at least one characteristic of at least one page to be sent to the client by the second web server.

Claim 5. (previously presented) A method as recited in 4, wherein

said at least one parameter includes at least one user preference.

Claim 6. (original) A method as recited in 5, wherein said at least one user preference is related to at least one detected purchasing habit.

Claim 7. (previously presented) A method comprising:

employing a first web server in a first DNS domain, and a second web server in a second DNS domain,

enabling said first and second web servers to share cookie information;

coordinating cookies across said first and second domains;

storing a client record in a database by the first web server; and

creating a link to the second web server that encapsulates information about a location of the client record in the database.

Claim 8. (original) A method as recited in claim 7, wherein the step of coordinating is performed by a cookie coordinator accessible to said first and second Web-Servers.

Claim 9. (original) A method as recited in claim 7, further comprising providing a cookie coordinator accessible to said first and second Web-Servers to perform the step of coordinating.

Claim 10. (original) A method as recited in claim 7, wherein the step of enabling includes the first web server setting a first cookie having a first identity and the second web server setting a second cookie having a second identity, and the step of coordinating maps the first and second identities to a third identity shared across said first and second domains.

Claim 11. (original) An apparatus comprising:

means for employing a first web server in a first DNS domain, and a second web server in a second DNS domain, wherein the first web server uses a first user tracking mechanism to collect client information and stores the client information as a client record in a database;

means for the first web server directing a client to access a resource at the second web server;

means for said resource encapsulating information about a location of the client record in the database;

means for the second web server decapsulating the location and retrieving the client record from the database; and

means for the second web server using the client record in conjunction with a second user tracking mechanism.

Claim 12. (original) An article of manufacture comprising a computer usable medium having computer readable program code means embodied therein for causing coordination of a first user tracking mechanism in a first web server and a second user tracking mechanism in a second web-server, the computer readable program code means in said article of manufacture comprising computer readable program code means for causing a computer to effect the steps of claim 1.

Claim 13. (original) An article of manufacture comprising a computer usable medium having computer readable program code means embodied therein for causing coordination of a first user tracking mechanism in a first web server and a second user tracking mechanism in a second web-server, the computer readable program code means in said article of manufacture comprising computer readable program code means for causing a computer to effect the steps of claim 7.

Claim 14. (original) A method comprising:

employing a first user tracker in a first domain, and a second user tracker in a second domain, wherein the first user tracker uses a first user tracking mechanism to collect client information and stores the client information as a client record in a database;

the first user tracker directing a client to access a resource at the second user tracker;

said resource encapsulating information about a location of the client record in the database;

the second user tracker decapsulating the location and retrieving the client record from the database; and

the second user tracker using the client record in conjunction with a second user tracking mechanism.

Claim 15. (original) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for tracking users, said method steps comprising the steps of claim 1.

Claim 16. (original) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for using cookies, said method steps comprising the steps of claim 7.

Claim 17. (original) A computer program product comprising a computer usable medium having computer readable program code means embodied therein for causing tracking of users, the computer readable program code means in said computer program product comprising computer readable program code means for causing a computer to effect the functions of claim 11.

Claim 18. (previously presented) A method comprising:

employing a first web server in a first DNS domain, and a second web server in a second DNS domain, wherein the first web server maintains a first private cookie at a browser and the second web server maintains a second private cookie at the browser;

accessing a cookie coordinator when the first private cookie is received by the first web-server;

mapping a first identity in the first private cookie and a second identity in the second private cookie to a single identity common across the multiple domains;

storing a client record in a database by the first web server; and

creating a link to the second web server that encapsulates information about a location of the client record in the database.

Claim 19. (original) A method as recited in claim 18, further comprising:

using the single identity to look up the identity of users across the different domains, and

the cookie coordinator learning the mapping of the various cookies that are placed independently on the browser by the different servers.

Claim 20. (original) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for tracking users, said method steps comprising the steps of claim 18.

Claim 21. (previously presented) An apparatus comprising:

a web server interface to interface with a first web server in a first DNS domain and to interface a second web server in a second DNS domain;

said first web server having:

a first user tracker to collect client information and store

client information as a client record in a cookie coordinator database;

a redirector for the first web server to direct a client to access a resource at the second web server;

an encapsulator for said resource to encapsulate information about a location of the client record in the database; and

said second web server having:

a second user tracker for the second web server to use the client record in conjunction with a second user tracking mechanism; and

a decapsulator for the second web server to decapsulate a location and retrieve the client record from the database.

Claim 22. (original) A computer program product comprising a computer usable medium having computer readable program code means embodied therein for causing tracking of users, the computer readable program code means in said computer program product comprising computer readable program code means for causing a computer to effect the functions of claim 21.

Claim 23. (previously presented) A method as recited in claim 1, further comprising:

wherein the database is a cookie coordination database; and

wherein directing the client to access the resource at the second Web-Server includes sending the client a link to the second Web-Server.

Claim 24. (previously presented) A method as recited in claim 1, wherein directing the client to access the resource at the second Web-Server includes sending a HTTP response code from the first Web-Server configured to cause the client to be redirected to the second Web-Server using HTTP redirection.

Claim 25. (previously presented) A method as recited in claim 7,

wherein the database is a cookie coordination database.

Claim 26. (previously presented) A method as recited in claim 7, further comprising sending a HTTP response code from the first web server configured to cause the client to be redirected to the second web server using HTTP redirection.

Claim 27. (previously presented) An apparatus as recited in claim 11, further comprising:

wherein the database is a cookie coordination database; and

wherein means for the first web server directing the client to access the resource at the second web server includes means for sending the client a link to the second web server.

Claim 28. (previously presented) An apparatus as recited in claim 11, further comprising means for sending a HTTP response code from the first web server configured to cause the client to be redirected to the second web server using HTTP redirection.

Claim 29. (previously presented) A method as recited in claim 14, further comprising:

wherein the database is a cookie coordination database; and

wherein directing the client to access the resource at the second user tracker includes sending the client a link to the resource.

Claim 30. (previously presented) A method as recited in claim 14, further comprising sending a HTTP response code from the first user tracker configured to cause the client to be redirected to the second user tracker using HTTP redirection.

Claim 31. (previously presented) A method as recited in claim 18, further comprising sending a HTTP response code from the first web server configured to cause the client to be redirected to the second web server using HTTP redirection.

Claim 32. (previously presented) A apparatus as recited in claim 21, wherein the redirector is configured to send a HTTP response code from the first web server configured to cause the client to be redirected to the second web server using HTTP redirection.

Claim 33. (previously presented) A method as recited in claim 2, further comprising:

storing a first cookie by the first user tracking mechanism, the first cookie including a first identity; and

storing a second cookie by the second user tracking mechanism, the second cookie including a second identity and correlating the first cookie and the second cookie.

Claim 34. (previously presented) A method as recited in claim 7, wherein coordinating cookies across said first and second domains comprises storing in the cookies information correlating a first cookie having a first identity and associated with the first domain and a second cookie having a second identity and associated with the second domain.

Claim 35. (previously presented) A method as recited in claim 18, wherein the first private cookie and the second private cookie store information correlating the first private cookie and the second private cookie.